



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Thursday Evening, April 08, 2010

Electricity

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 55 Percent by April 8

Operators reduced the unit to replace a feed pump seal, a spokeswoman said. She did not say when the unit would resume normal service. The Nuclear Regulatory Commission reported that on the morning of April 7 the unit was operating at full power.

<http://www.reuters.com/article/idUSN0819041120100408?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Duke Energy's 510 MW Moss Landing Gas-Fired Unit 2 in California Reduced by April 7

According to the California Independent System Operator, the unit reported an unplanned curtailment of 260 MW by April 7.

<http://www.caiso.com/unitstatus/data/unitstatus201004071515.html>

Cabrillo Power's 104 MW Encina Gas-Fired Unit 2 in California Shut by April 7

According to the California Independent System Operator, the unit reported an unplanned outage by April 7.

<http://www.caiso.com/unitstatus/data/unitstatus201004071515.html>

Update: AES's 336 MW Alamos Gas-Fired Unit 4 in California Returns to Service by April 7

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201004071515.html>

Update: PG&E's 119 MW Belden Hydro Unit in California Returns to Service by April 7

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201004071515.html>

U.S. Wind Energy Industry Installs More than 10,000 MW of New Capacity in 2009:

AWEA

The U.S. wind energy industry installed more than 10,000 MW of capacity in 2009 – a one-year record – boosting total domestic capacity to 35,000 MW, the American Wind Energy Association (AWEA) said in its annual wind industry market report. Companies opened ten new wind turbine manufacturing facilities, expanded nine existing sites, and announced plans to construct another 20. Thirty-six states have utility-scale wind projects, and 14 of those states have more than 1,000 MW of installed capacity. Iowa derives the highest percentage of its electricity from wind power, at 14 percent, but Texas generates the most wind-based electricity.

http://www.awea.org/newsroom/releases/04-08-10-U.S._Wind_Industry_Annual_Market_Report.html

Petroleum

ConocoPhillips to Shut FCC at 146,000 b/d Borger, Texas Refinery

ConocoPhillips planned to shut the 56,000 b/d gasoline-producing fluidic catalytic cracking unit (FCC) on April 7 "to repair a malfunction," it said in a filing with state regulators. It expected to restart the unit on April 14.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=138060>

<http://www.reuters.com/article/idUSN0714090920100407?type=marketsNews>

Compressor Shutdown Causes Flaring at Chevron's 245,271 b/d Richmond, California Refinery April 7

The incident occurred yesterday morning, the company said in a filing with state regulators. A spokesman declined to say if the incident had any impact to production

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/e54703f64d13ace3882576fe005d84e2?OpenDocument>

Bloomberg News, 14:14 April 7, 2010

Compressor Failure Triggers Flaring at Tesoro's 96,860 b/d Wilmington, California Refinery April 7

The incident began yesterday afternoon and was expected to last more than eight hours, the company said in a filing with state regulators. It was not clear if there was any impact to production.

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/7d21a24ac3622d94882576fe007dcd18?OpenDocument>

Bloomberg News, 19:17 April 7, 2010

BP to Restart Units at 467,720 b/d Texas City, Texas Refinery

BP planned to restart the ultraformer from April 7-28 after the unit "tripped off line" due to "electrical issues," the company said in a filing with state regulators. BP also expected to restart an Ultra Cracker from April 7-14; that unit shut due to a compressor trip by April 8, according to separate filings. It was not clear if the incidents were related, or if there had been any impact to production.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=138067>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=138054>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=138052>

Reuters, 16:15 April 7, 2010

Bloomberg News, 18:05 April 7, 2010

Update: Valero to Restart SMR Unit at 315,000 b/d Corpus Christi, Texas Refinery April 8-10

Valero expected to restart the steam methane reformer (SMR) unit #13 from April 8-10, it said in a filing with state regulators. Operators began unscheduled work on a SMR on March 28, according to a separate filing. The company had not expected that work to impact production, a spokesman said at the time.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137959>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137615>

<http://uk.reuters.com/article/idUKWEN222020100329>

Angola Sees 300,000 b/d Rise in Oil Production by 2011

Angola expects to raise its oil production from 1.9 million b/d, at present, to 2.2 million b/d by 2011, according to its Deputy Petroleum Minister.

<http://www.businessweek.com/news/2010-04-08/angola-s-oil-output-to-rise-16-percent-on-discoveries-licenses.html>

Natural Gas

Update: Colorado Interstate Gas Completes Repairs, Resumes Normal Service along 22-Inch Natural Gas Pipeline in Wyoming April 8

Colorado Interstate Gas closed a section of the 22-inch Wyoming Mainline from April 1 through April 7 "to investigate and repair a leak," and then declared force majeure along Line 5A – part of the mainline – for the duration of the work, it said in previous critical notices. The work slowed capacity through the Laramie East Constraint from 770 MMcf/d to 660 MMcf/d. The company did not, however, expect the reduction to have any impact to shippers; current flows were only about 438 MMcf/d at the time of the incident.

<http://ebb.cigco.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=CIG&status=Notice&name=CriticalNotices&sParam1=0088&sParam3=8025&sParam11=D&details=Y>

<http://ebb.cigco.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=CIG&status=Notice&name=Critical%20Notices&sParam1=0088&sParam3=8027&sParam11=D&details=Y>

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CP&sSubCategory=Critical&sNoticeId=1095>

Pennsylvania Natural Gas Production to Increase More Than Ten-Fold over Next Decade amid Marcellus Shale Boom: Environmental Chief

Pennsylvania will likely produce about 2 trillion cubic feet per year by 2020, the state's environmental chief said, or more than 10 times higher than the 198 billion cubic feet it produced in 2008.
Bloomberg News, 10:36 April 8, 2010

United States Seeks to Assess Foreign Shale Gas Resources

The Obama Administration has sought permission for the United States to assess shale gas resources in almost 12 foreign countries, including China and India, a senior State Department official said. Depending on the results, the assessments could give U.S.-based producers access to new resources, reduce greenhouse gas emissions, and transform energy consumption and production patterns.

http://www.rigzone.com/news/article.asp?a_id=90690

Other News

Update: MSHA Appoints Team to Investigate Deadly April 5 Explosion at Massey Energy's Upper Big Branch South Coal Mine in West Virginia

The U.S. Department of Labor's Mine Safety and Health Administration (MSHA) appointed a team to "evaluate all aspects of this accident, including potential causes and the operator's compliance with federal health and safety standards," according to an MSHA release. The MSHA expects to issue a formal report after its investigation.

<http://www.msha.gov/Media/PRESS/2010/NR100407.asp>

Energy Prices

| U.S. Oil and Gas Prices | | | |
|--|--------------|-----------------|-----------------|
| April 8, 2010 | | | |
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 85.60 | 84.39 | 51.15 |
| NATURAL GAS Henry Hub \$/Million Btu | 4.09 | 3.93 | 3.60 |

Source: Reuters

Energy Notes

Winds Knock Out Power to More than 17,000 BC Hydro Customers in British Columbia, Canada April 8

<http://www.vancouversun.com/entertainment/without+power+after+wind+storm+hits+Lower+Mainland/2777823/story.html>

Problem at Substation Results in Loss of Power to More than 14,000 Idaho Power Customers in Idaho April 7 for 75 Minutes

<http://www.kidk.com/news/local/90100932.html>

Update: Pepco Holdings and DOE Sign Deal for \$168.1 Million in Smart Grid Grants by April 7 – Company Aims to Build Smart Grid in Washington D.C., Maryland and New Jersey

<http://www.pepcoholdings.com/about/news/archives/2010/article.aspx?cid=1392>

MMS Publishes Preliminary Revised 2007-1012 Five-Year Outer Continental Shelf Oil and Gas Leasing Program – Agency Schedules no Sales in North Aleutian Basin and Beaufort Sea, Alaska, and Only One Sale in Chukchi Sea

<http://www.mms.gov/ooc/press/2010/press0406.htm>

Compressor Shutdown Causes Flaring at Sneed Booster Station in Texas April 7

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=138064>

Underground Transformer Fire Triggers Manhole Explosion in New York City, New York April 6

<http://abclocal.go.com/wabc/story?section=news/local&id=7372490>

MMS Alaska Office Shares Information Selectively, despite Agency Policy That it Share with All Staff Involved in Environmental Reviews: GAO

<http://www.gao.gov/products/GAO-10-276>

<http://www.nytimes.com/gwire/2010/04/07/07greenwire-gao-audit-mms-withheld-offshore-drilling-data-h-3483.html>

Colorado State Researchers Predict Active 2010 Atlantic Hurricane Season, With 15 Named Storms and Eight Hurricanes – Team Sees 69 Percent Change of Major Hurricane Making Landfall along Atlantic or Gulf Coast

<http://hurricane.atmos.colostate.edu/Forecasts/2010/april2010/apr2010.pdf>

<http://www.gainesville.com/article/20100408/ARTICLES/4081055/1002>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: ead@oe.netl.doe.gov